



JAN - 7 1989

Division of Energy  
Division of Environmental Quality  
Division of Geology and Land Survey  
Division of Management Services  
Division of Parks, Recreation,  
and Historic Preservation

JOHN ASHCROFT

Governor

G. Tracy Mehan, III  
~~FREDERICK A. BRUNNEN~~

Director

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

Springfield Regional Office  
1155 East Cherokee Street  
Springfield, MO 65807  
417-883-4033

MEMORANDUM

DATE: January 24, 1989

TO: Greene County General

FROM: Charles L. Kroeger <sup>CLK</sup>

SUBJECT: Moses Electric - Boonville & Commercial

On January 21, 1989, I noted that most of the trashy material has been cleaned up behind the Moses Electric property at Boonville and Commercial in Springfield.

The pallets had been stacked up and cardboard and paper trash removed. The oil contaminated gravel was still at the site but the amount is small enough that it is not felt to be a serious health or environment concern.

CLK/ps

cc: Randy Lyman, Sanitary Services

201 E. Commercial

JOHN ASHCROFT  
Governor



DEC 12 1988

FREDERICK A. BRUNNER  
Director

Division of Energy  
Division of Environmental Quality  
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and Historic Preservation

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

Springfield Regional Office  
1155 East Cherokee Street  
Springfield, MO 65807  
417-883-4033

Hazardous Waste/ General  
Greene County

November 16, 1988

Mr. Matt Hembry  
Moses Electric Company  
1010 N. Clay  
Springfield, MO 65806

Dear Mr. Hembry:

This office recently received a call from the Springfield Sanitary Services Department regarding your failure to cleanup the spilled transformer oil behind building at the corner of Commercial and Boonville Streets in Springfield, Missouri. We had kept them advised of our involvement in the matter and they are concerned because of the need to repair the manhole cover behind the building.

On December 6, 1988, I drove past the site and noted that there had apparently been no removal of contaminated material since we spoke on November 21, 1988 when you indicated you would get someone to cleanup the site the following day.

I again express our concern regarding the failure to remove all of the contaminated material because of the presence of PCB's in the oil with which the material was contaminated and the possibility of exposure to the contaminants.

Your prompt attention to this matter will be expected and appreciated. If you have any questions, feel free to contact me.

Sincerely,

SPRINGFIELD REGIONAL OFFICE

Charles L. Kroeger  
Environmental Specialist

cc Springfield Sanitary Services  
Mr. Art Groner, Enforcement Section,  
Waste Management Program, Jefferson City, Missouri

201 E. Commercial

JOHN ASHCROFT  
Governor

FREDERICK A. BRUNNER  
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and Historic Preservation

OCT 28 1988

Hazardous Waste/ General  
Greene County

October 26, 1988

Mr. Bill Moses  
Moses Electric Company  
1010 N. Clay  
Springfield, MO 65806

Dear Mr. Moses:

Please find enclosed the copy of our September 28, 1988 letter to you regarding the cleanup of the spill of transformer oil behind your building at the corner of Boonville and Commercial Streets in Springfield, Missouri.

A review of files discloses that we have not yet received word from you regarding the cleanup. You were to advise us of the progress in removing the remaining contaminated soil and material by October 5, 1988.

Please inform us of your progress in this matter within ten days of the date of this letter.

Your cooperation in this matter will be expected and appreciated.

Sincerely,

SPRINGFIELD REGIONAL OFFICE

A handwritten signature in cursive script, reading "Charles L. Kroeger".

Charles L. Kroeger  
Environmental Specialist

cc Mr. J. Randall Lyman, Springfield Sanitary Services

201 E. Commercial

JOHN ASHCROFT  
Governor



SEP 30 1988

FREDERICK A. BRUNNER  
Director

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Division of Environmental Quality  
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STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

Springfield Regional Office  
1155 East Cherokee Street  
Springfield, MO 65807  
417-883-4033

MEMORANDUM

DATE: September 19, 1988  
TO: Greene County General Haz Waste  
FROM: Charles L. Kroeger *CLK*  
SUBJECT: Spill at Boonville and Commercial Streets

The SRO was contacted by the Springfield Sanitary Services Department regarding an oil spill that occurred behind the old fire station at the intersection of Commercial and Boonville Streets in Springfield. The building had recently been sold to Moses Electric.

There had been five transformers stored behind the building after they were removed from the Kentwood Arms building by a Killian Construction Company subcontractor. Apparently a Mr. Lawrence Tureaud of 818 N. Franklin in Springfield dumped the oil out of the transformers and began hauling them to his residence to recover the copper from them. The oil was dumped onto the ground and flowed into a sanitary sewer drain.

Ken Teeter of the LSP was contacted and proceeded to the site. He had the oil tested for PCB's by the city Public Works Department and found the oil to be less than 50 ppm. He then met with Mr. Hambry, manager at Moses Electric. Mr. Hambry agreed that Moses Electric would have the oil contaminated soil removed and properly disposed of. Because the oil was not contaminated with PCB's, it was agreed that it could go to the sanitary landfill rather than a hazardous waste landfill.

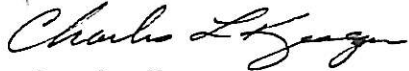
Mr. Hambry indicated on September 15, that they had a contractor who would be removing the soil on that date. He estimated that there would be less than a truck load and that there was no free liquids in the soil. Although Suzanne Ranard could not be contacted for approval in disposing of the waste without first obtaining a written special waste disposal permit, Ken indicated that he understood that the LSP had a working agreement with Suzanne which allowed them to give approval for oil contaminated waste from a spill to go to the landfill without generating a lot of paperwork as long as the spill was minor and resulted in less than a truck load of waste. This was passed by Tom Gredel who agreed that the soil could go to the landfill without the usual paperwork.

*201 E. Commercial*

I confirmed this with Mr. Henry Cole of the city and he agreed to allow the soil to go to the landfill if I agreed to write a follow up letter indicating the Department's position.

Cleanup of the site was to be completed on September 15, 1988, and the site was inspected on September 20, 1988. At that time it was noted that there was a substantial amount of oil contaminated material left at the site. This included paper material as well as pallets and other trash. There was also still some oil soaked gravel alongside the building. It appeared that clean up was performed with a front end loader with little effort to remove all of the visibly contaminated material. A letter was written to Moses Electric advising them of the need to do additional removal.

Respectfully Submitted



Charles L. Kroeger  
Environmental Specialist  
Springfield Regional Office

201 E. Commercial

CALLED  
Bruce Morrison  
EPA

913-236-3888

→ KEN TEETER - DNR

WILL ARRIVE TODAY 9-7-88.

CALLED @ 2:50 P.M.

JOHN ASHCROFT  
Governor

FREDERICK A. BRUNNER  
Director



Division of Environmental Quality  
Division of Geological and Land Survey  
Division of Management Services  
Division of Parks, Recreation, and Historic Preservation

**Kenneth R. Teeter**  
Environmental Emergency Specialist  
Laboratory Services Program

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
Division of Environmental Quality  
P.O. Box 176 Jefferson City, MO 65102  
314-751-7929 Emergency Response 314-634-2436

DISPATCHER COLLINS 31-1040

BATTALION CHIEF HARRIS

201 E. Commercial (OLD #2)

LAWRENCE TUREAUD -

818 N. FRANKLIN

1 100 KW TRANSFORMER N 50 gals.  
4 275 KW " " S. 2120 gals.

4 or 5 labelled "NON PCB"  
maybe 5th is too? 170 gals

D-50 PPM - Cu TEST KIT  
TOOK LIQUID SAMPLE IN 40ML VIAL.

TUREAUD WAS TOLD TO DUMP  
OIL AT REAR OF OLD #2, (201 E.  
Commercial) DOWN DRAIN AND  
COULD HAVE FOR SERAP. TOOK 2  
TRANSFORMER TO HOME ON N. FRANKLIN.  
Area sealed off and tractor  
impounded AT SITE. D.N.R. E.R.  
CALLED IN JEFF CITY.

BACKHOE - MAN - NO NAME

MOSES ELECTRIC? MAYBE  
Someone told them they could have  
them if they dumped oil out.

GLRIEN - Real Estate Man.

201 E. Commercial



CITY NEGOTIATING WITH MOSES ELECTRIC.  
LISA RAN - NEIGHBORS SAID THEY SAW  
MOSES ELECTRIC UNLOAD TRANSFORMERS.

3 on site

1 of 2 ON FRANKLIN



City of Springfield  
Water Pollution Control Section  
Pollution Complaint/Report Form

Date 9-6-88

Report From:

- ☐ Citizen  
☒ Fire Dept  
☐ Sewer Maintenance  
☐ Other

Received By: LYMAN + CORSON

Referred To:

Date of Incident: 9-6-88

Complainant Information:

Name \*SPRINGFIELD VICTORY MISSION  
Address 203 W. COMMERCIAL  
Phone 831-6387  
Directions (if needed)  
\* REV. KEVIN GLEASON

Responsible Party Information:

Name LAWRENCE TUREAUD  
Address 818 N. FRANKLIN  
Phone 863-6810

Possible contamination of: ☒ soil ☐ groundwater

☐ surface water what body?

☒ other SANITARY SEWER

Other Pertinent Information N 90% OF OIL TRAVELLED TO SANITARY SEWER VIA DRAIN. CONFIRMED DRAIN TRIBUTARY TO SANITARY BY DYE TEST PERFORMED 9-7-88.

Who to contact:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> DNR 417-883-4033            | <input type="checkbox"/> Bob Schaefer           | <input type="checkbox"/> Sewer Const                               |
| <input checked="" type="checkbox"/> DNR 314-634-2436 | <input type="checkbox"/> CU 831-8320            | <input type="checkbox"/> Chemtrec 800-424-9300                     |
| <input checked="" type="checkbox"/> EPA 913-236-3378 | <input type="checkbox"/> Street Dept            | <input type="checkbox"/> DOT                                       |
| <input type="checkbox"/> Fire Dept 864-1719          | <input checked="" type="checkbox"/> Health Dept | <input type="checkbox"/> NRC 312-790-5500                          |
| <input type="checkbox"/> Police Dept 864-1719        | <input type="checkbox"/> Sewer Maint            | <input checked="" type="checkbox"/> Other <u>BOB TURNER</u>        |
|  |   | <input checked="" type="checkbox"/> <u>SOUTHWEST PLANT (GOMES)</u> |

Details of Incident: MR. TUREAUD WAS REMOVING TRANSFORMERS AND APPARENTLY DUMPED TRANSFORMER OIL ON GROUND AND DOWN DRAIN TO SANITARY SEWER AT REAR OF 201 E. COMMERCIAL (MOSES ELECTRIC?) ESTIMATED 170 GALS. (10% OF WHICH WAS SPILLED ON GROUND, 90% TO SANITARY). 3 TRANSFORMERS STILL ON SITE, 2 HAD BEEN TRANSFERRED TO 818 N. FRANKLIN. 3 ON SITE LABELLED "NON-PCB", 1 OF 2 AT 818 N. FRANKLIN LABELLED "NON-PCB". JOHN WITHERSPOON OF C.U. RAN A PCB SCREENING TEST WHICH INDICATED 0-50 PPM ON A PUDDLE OF OIL. SPILL WAS REPORTED TO LARRY ALDERSON, DNR AND BRUCE MORRISON, EPA. CALLED BOB TURNER AND INFORMED PROPERTY ON WHICH SPILLOCCURED IS BURLINGTON R.R.

Action needed: REQUESTED DNR HANDLE INVESTIGATION AND MR. KEN TEETER ARRIVED AT 4:30 P.M. 9/7/88. MR. TEETER SAMPLED POOL OF OIL AND SPLIT SAMPLE WITH US. BOB CORSON TOOK SAMPLE TO JOHN WITHERSPOON OF C.U. LAB FOR ANALYSIS BY NOON 9/8/88. MR. TEETER INDICATED IF "NON PCB" WILL OFFER LIABLE PARTY TO CLEAN UP SPILL AT OWN EXPENSE, IF PCB LEVEL OF CONCERN, WILL HAVE STATE CONTRACTED CLEANUP PERFORMED AND STATE WILL SEEK REIMBURSEMENT.

201 E. Commercial

### Investigation Results

0:800 9/6/88 - CONTACTED JOAN GONZES - SWTP - INFORMED HIM OF SPILL  
11:00 9/7/88 - " ANDY LETTERMAN - SWTP - NO ADVERSE EFFECTS FROM  
OIL SPILL DETECTED.  
09:00 9/8/88 - BILL DEAL - F.B.I. AGENT CALLED (882-3303) AND OFFERED  
TO INVESTIGATE SPILL RESPONSIBLE PARTIES.



# CITY UTILITIES of SPRINGFIELD

301 E. Central • P.O. Box 551 • Springfield, Missouri 65801 • (417) 831-8311

September 8, 1988

Memo To: Bob Corson  
Water Pollution Control Inspector  
Sanitary Services  
City of Springfield

Subject: PCB Analysis

<u>SAMPLE ID</u>	<u>LAB NO.</u>	<u>PCB CONCENTRATION (PPM)</u>
DNR Sample No. 88-0614 9/7/88 16:30 Collector- KT	388-0460	< 1

Sample received: 09/08/88  
Sample analyzed: 09/08/88  
Sample reported: 09/08/88

Analyst: RJG

John T. Witherspoon, Ph.D.  
Director - Laboratories  
Operations

/jtw

201 E. Commercial

CITY OF SPRINGFIELD  
WATER POLLUTION CONTROL  
MONITORING AND ANALYSES REPORT

SAMPLE NUMBER: 88-0614 TIME SAMPLER IN: 16:43  
 SAMPLE NAME: Transformer Oil TIME SAMPLER OUT:         
 DATE OF SAMPLE: 9-7-88 METER START:         
 DATE SUBMITTED: 9-7-88 METER END:         
 TIME SUBMITTED:        TEMP. DEG/C:         
 SAMPLE TYPE: GRAB DIS. OXY. MG/L:         
 SUBMITTED BY: Ken Teeter FLOW:         
 SET UP BY: Ken Teeter VOLUME:         
 REMOVED BY: Ken Teeter DEPTH:       

COMMENTS: 201 E. Commercial - Transformer Oil Spill

CONVENTIONAL		METALS ANALYSES			OTHER	
PARAMETERS		TOTAL	DISLV	RECOV	PARAMETERS	
BOD-5	MG/L:	CU			VOLATILE ORGANICS	
PH	STD. UNITS:	CR			BASE NEUTRALS	
NFR	MG/L:	ZN			ACID EXTRACTIBLES	
COD	MG/L:	CD			PESTICIDES	
TOC	MG/L:	PB			T.C.D.D.	
NH3-N	MG/L:	NI			ASBESTOS	
NO3-N	MG/L:	AG			TOTAL P.P.	
NO2-N	MG/L:	FE			I.C.R.T.	
NO3+NO2-N	MG/L:	HG			T.C.L.P.	
CHLORIDE	MG/L:	MN			P.C.B. <1	
SULFATE	MG/L:	BA				
TKN	MG/L:	SE				
O-PO4-P	MG/L:	AS				
O-PO4-P D	MG/L:	AL				
TP	MG/L:	SB				
CN TOTAL	UG/L:	B				
CN AMENBL	MG/L:	CO				
TDS	MG/L:	TI				
PHENOLICS	UG/L:	CR+6				
OIL&GREAS	MG/L:	BE				
MBAS	MG/L:	TL				
TURBIDITY	NTUS:	K				
CONDCT	UMDS/CM:	NA				
TOT COLI/100ML:						
FEC COLI/100ML:						
FEC STRP/100ML:						

CHAIN OF CUSTODY RECORD

RELINQUISHED BY	RECEIVED BY	DATE	TIME
<u>Ken Teeter</u> SEALED <input type="checkbox"/> SHIPPED <input type="checkbox"/>	<u>Bob Larson</u> SEALED <input type="checkbox"/>	<u>9/7/88</u>	<u>17:45</u>
<u>Bob Larson</u> SEALED <input type="checkbox"/> SHIPPED <input type="checkbox"/>	<u>Smithson</u> SEALED <input type="checkbox"/> <u>CR</u>	<u>9/8/88</u>	<u>08:10</u>
SEALED <input type="checkbox"/> SHIPPED <input type="checkbox"/>	SEALED <input type="checkbox"/> <u>201 E. Commercial</u>		

ANAL 1 DET 3 METH 7 7 FILE 103

RUN 1 PCB SCAN

SENSITIVITIES 250 6

*ml 460*

0.49 0.24  
0.76  
0.97  
1.18  
1.52

B

11.17

13.75

END

ANAL 1 DET 3 METH 7 7 FILE 103

RUN 1 PCB SCAN 7 : 23.5 9 / 8 / 88

SENSITIVITIES 250 6

TIME	AREA	BC	RRT	RF	C	NAME
1.18	2.3750	T	0.118	1.000	29.5533	!
1.52	5.3606		0.152	1.000	66.7040	!
11.17	0.2726	U	1.117	1.000	3.3930	!

*201 E. Commercial*

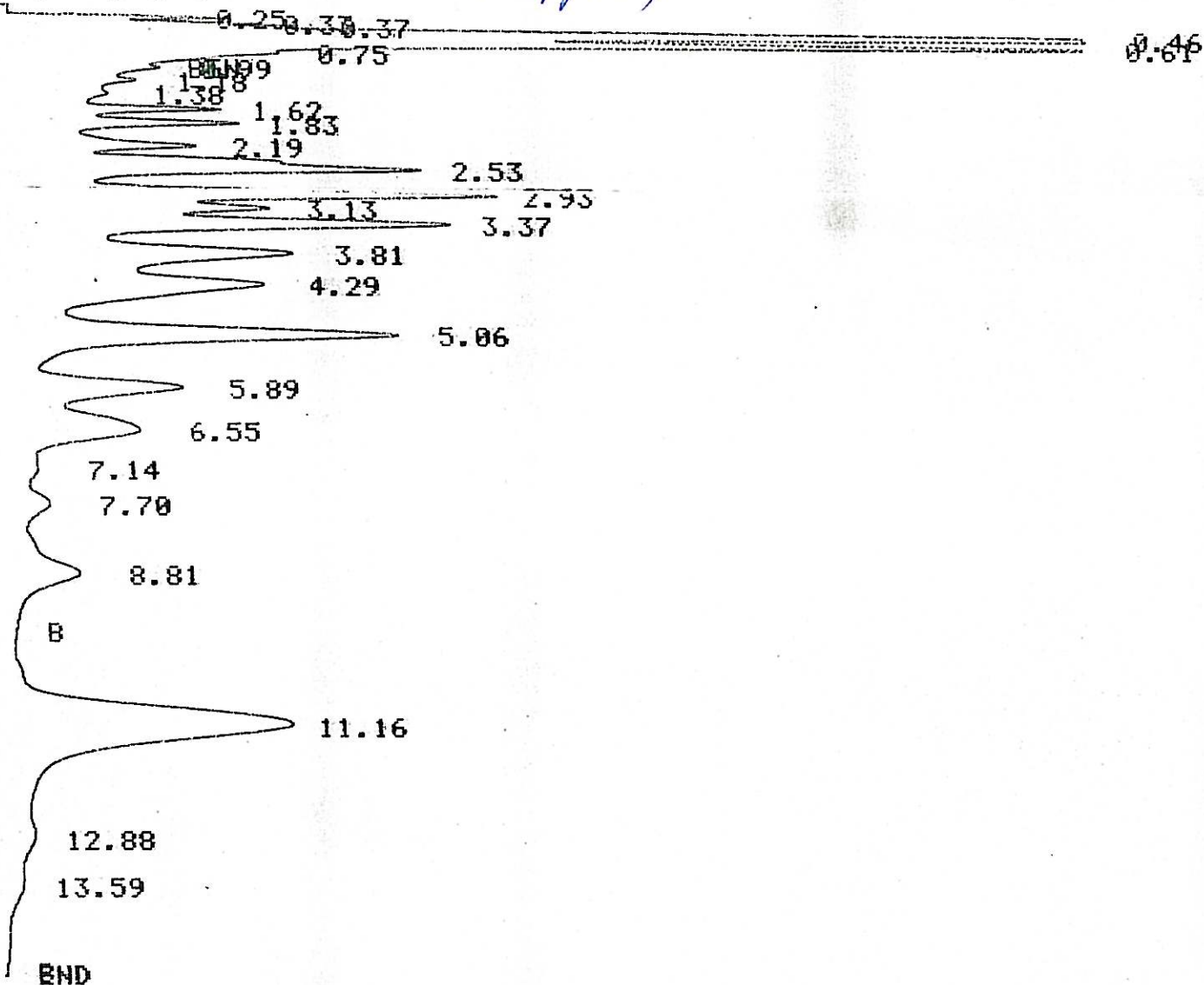


ANAL 1 DET 3 METH 7 7 FILE 101

RUN 2 PCB SCAN

SENSITIVITIES 250 6

*1 M STD 1260 (50ppm)*



ANAL 1 DET 3 METH 7 7 FILE 101

RUN 2 PCB SCAN 7 : 56.1 9 / 8 / 88

SENSITIVITIES 250 6

TIME	AREA	BC	RRT	RF	C	NAME
1.18	2.4352	T	0.118	1.000	1.7884	!
1.38	2.3678	T	0.138	1.000	1.7389	!
1.62	3.3891	T	0.162	1.000	2.4889	!
1.83	4.2416	T	0.183	1.000	3.1149	!
					7.1007	!

*201 E. Commercial*



CITY OF SPRINGFIELD  
WATER POLLUTION CONTROL  
MONITORING AND ANALYSES REPORT

SAMPLE NUMBER: 88-0614 TIME SAMPLER IN: 16:43  
 SAMPLE NAME: Transformer Oil TIME SAMPLER OUT: \_\_\_\_\_  
 DATE OF SAMPLE: 9-7-88 METER START: \_\_\_\_\_  
 DATE SUBMITTED: 9/7/88 METER END: \_\_\_\_\_  
 TIME SUBMITTED: \_\_\_\_\_ TEMP. DEG/C: \_\_\_\_\_  
 SAMPLE TYPE: GRAB DIS. OXY. MG/L: \_\_\_\_\_  
 SUBMITTED BY: \_\_\_\_\_ FLOW: \_\_\_\_\_  
 SET UP BY: Ken Teefer VOLUME: \_\_\_\_\_  
 REMOVED BY: Ken Teefer DEPTH: \_\_\_\_\_

COMMENTS: 201 E. Commercial - Transformer Oil Spill

CONVENTIONAL PARAMETERS		METALS ANALYSES			OTHER PARAMETERS
		TOTAL	DISLV	RECOV	
BOD-5	MG/L:	CU			VOLATILE ORGANICS
PH STD.	UNITS:	CR			BASE NEUTRALS
NFR	MG/L:	ZN			ACID EXTRACTIBLES
COD	MG/L:	CD			PESTICIDES
TOC	MG/L:	PB			T.C.D.D.
NH3-N	MG/L:	NI			ASBESTOS
NO3-N	MG/L:	AG			TOTAL P.P.
NO2-N	MG/L:	FE			I.C.R.T.
NO3+NO2-N	MG/L:	HG			T.C.L.P.
CHLORIDE	MG/L:	MN			P.C.B.
SULFATE	MG/L:	BA			
TKN	MG/L:	SE			
O-PO4-P	MG/L:	AS			
O-PO4-P D	MG/L:	AL			
TP	MG/L:	SB			
CN TOTAL	UG/L:	B			
CN AMENBL	MG/L:	CO			
TDS	MG/L:	TI			
PHENOLICS	UG/L:	CR+6			
OIL&GREAS	MG/L:	BE			
MBAS	MG/L:	TL			
TURBIDITY	NTUS:	K			
CONDCT UMOS/CM:		NA			
TOT COLI/100ML:					
FEC COLI/100ML:					
FEC STRP/100ML:					

CHAIN OF CUSTODY RECORD

RELINQUISHED BY	RECEIVED BY	DATE	TIME
<u>Ken Teefer</u> SEALED <input type="checkbox"/> SHIPPED <input type="checkbox"/>	<u>Bob Canon</u> SEALED <input type="checkbox"/>	<u>9/7/88</u>	<u>17:45</u>
<u>Bob Canon</u> SEALED <input type="checkbox"/> SHIPPED <input type="checkbox"/>	<u>Smithingman</u> SEALED <input type="checkbox"/> <u>CR</u>	<u>9/8/88</u>	<u>08:10</u>
SEALED <input type="checkbox"/> SHIPPED <input type="checkbox"/>	SEALED <input type="checkbox"/>		

201 E. Commercial